

ABSTRACT

Provided are switch 125 which makes N copies of each of M signals obtained in a transmission system, and thereby forms $M \times N$ channel signals, channel processing sections 5 126-1 to 126-MN which add correlated instantaneous variations and short-term variations corresponding to arrangements of transmission and reception antennas to the $M \times N$ channel signals, respectively, and selection combining section 128 which selectively combines M 10 channel signals repeatedly among the $M \times N$ channel signals provided with channel variations to form N signals.